LINKSYS®
A Division of Cisco Systems, Inc.

High-Speed Wireless Bridging for Small Businesses

The Linksys WET200 Wireless Bridge seamlessly bridges separate Ethernet networks together wirelessly and is ideal for small businesses with offices and resources that are in different office suites of a building or a closely adjacent building. The WET200 is a Power over Ethernet (PoE) end device so it can be installed anywhere an Ethernet cable can be run if there is not ready access to a power outlet. PoE enables delivery of both data and power to the WET200. An AC adapter is also included if the device installation site has a power outlet nearby.

Advanced security features include Wi-Fi Protected Access™ (WPA2 Enterprise) with up to 256-bit AES encryption using EAP (Extensible Authentication Protocol) giving small businesses the protection they need to communicate and transfer data securely. The integrated QoS features provide consistent voice and video quality on both the wired and wireless networks, enabling the deployment of business qualilty VoIP and video applications.

Additional support for VLANs, SNMP, Spanning Tree, and Port Mirroring make this an ideal solution for network administrators to incorporate into larger organizations.

RangeBooster technology is a compatible add-on to standard Wireless-G that increases wireless signal range up to two times and throughput by up to 35%. Unlike ordinary wireless technologies that are hampered by signal reflections, RangeBooster devices use smart antennas and embedded processors to detect and decode reflected signals to enhance and boost data throughput. This capability also helps to reduce or eliminate "dead spots" within the wireless coverage area as well.

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5-port Wireless Bridge for securely connecting separate wired networks	Standards-based POE (IEEE 802.3af) or External DC power provides flexible installation	RangeBooster technology for up to twice the range, reduced dead spots, and up to 35% more throughput than standard 802.11g	Advanced wireless security using Wi-Fi Protected Access™ (WPA2 Enterprise) with up to 256-bit AES encryption

PRODUCT DATA

BUSINESS SERIES

Wireless-G Business Ethernet Bridge

Model: WET200

CISCO

Features

- 5 port 10/100 Base-T Ethernet Managed Switch, Autosensing half/full duplex & MDI/MDI-X
- Supports 802.11b and 802.11g wireless connection to Access Point
- Easy installation and configuration Web Interface
- Supports WEP, WPA-PSK, WPA2-PSK, WPA-ENT, WPA2-ENT wireless encryption
- Supports 802.1X, EAP-TLS, PEAP authentication with Radius server
- SMA detachable Dipole antennas with 1x2 MIMO to increase coverage
- Supports Power over Ethernet (PoE) or external DC power
- Supports SNMP and intuitive Web-based interface
- Support 802.1Q and port-based VLAN on LAN switch - 1 VLAN bridged over wireless
- Support 802.1p, IP TOS, and DSCP based QoS on LAN switch, WMM on wireless Tx
- Support Rate Limiting on both wired switch and wireless interface
- Support Spanning Tree protocol, port mirroring, and MAC-based ACL
- 3 year limited warranty

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Wireless-G Business Ethernet Bridge

Specifications

Model	WET200
Standards	IEEE802.11g, IEEE802.11b, IEEE802.3, IEEE802.3u, IEEE802.3af (Power Over Ethernet), 802.1p (QoS priority), 802.1Q (VLAN), 802.1X (Security Authentication), 802.11i - Ready (Security WPA2), 802.11e - Ready (Wireless QoS)
Ports	5x 10/100 Base-T Ethernet, 12 VDC Power
Buttons	Reset
Cabling Type	UTP CAT 5
LEDs	Power, POE, Wireless, Ethernet 1-5
Operating System	Linux

Setup/Config

WebUI	Built in Web UI for Easy browser-based configuration (HTTP/HTTPS)

Management

SNMP Version	SNMP Version 1, 2c, 3
Web F/W upgrade	Firmware Upgradable Through Web-Browser
DHCP	DHCP Client

Operating Modes

Wireless Client	Infrastructure or Ad-Hoc

Wireless

Spec/Modulation	Radio and Modulation Type: 802.11b/DSSS, 11g/OFDM
Channels	Operating Channels: 11 North America, 13 Most of Europe (ETSI and Japan)
# of Internal Ant.	None
# of External Ant.	2 (Omni-Directional) SMA detachable
Transmit Power	Transmit Power (Adjustable) @ Normal Temp Range: 11b: 12 ± 1 dBm; 11g: 16 ± 1 dBm
Antenna Gain in dBi	2
Receiver Sensitivity	11g: 54Mbps@ -69dBm, 11b: 11Mbps@ -82dBm

Security

WEP/WPA/WPA2	WEP 64bit/128bit, WPA-PSK, WPA2-PSK, WPA-ENT, WPA2-ENT
Access Control	MAC-Based ACL between wired and wireless interfaces
802.1X	IEEE 802.1X support

Quality of Service

QoS	4 queues Queue mapping on ingress based on default priority, 802.1p tag, DSCP & IP ToS Rate limiting on both ingress and egress direction

General

	16 VLAN groups 256 MAC address entries across wireless bridge 1024 MAC address entries in the switch

Environmental

Dimensions	6.69" x 8.07" x 7.68" (170 x 205 x 195 mm)
Weight	12.17 oz (345 g)
Power	12V 0.5A DC input, and IEEE802.3af Compliant PoE Max. power draw: 4.2 Watt
Certification	FCC, ICES-003, CE
Operating Temp.	32ºF to 104ºF (0ºC to 40ºC)
Storage Temp.	-4ºF to 158ºF (-20ºC to 70ºC)
Operating Humidity	10% to 85% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing

Package Contents

- Wireless-G Business Ethernet Bridge
- 2 x SMA detachable Dipole antennas
- User Guide on CD-ROM
- Quick Installation Guide
- Ethernet Network Cable
- Power Adapter
- Product Stands
- Registration Card

Minimum Requirements

- PC or devices with Ethernet port
- 802.11b or 802.11g Wireless Access Point
- Switch/Router with Power Over Ethernet (PoE) Support Or PoE Injector when used with POE
- Web-Based Configuration Java-Enabled Web Browser

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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our worldwide website at www.linksys.com

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Model: WET200